

Request For Proposals

Addendum # 1



Department Of Executive Services
Finance and Business Operations Division
Procurement and Contract Services Section
206-684-1681 TTY Relay: 711

ADDENDUM DATE: May 25, 2005

RFP Title: Mobil Data Computers

RFP Number: 05-022 JE

Due Date/Time: June 9, 2005 – 2:00 P.M.

Buyer: Jim Engan, jim.engan@metrokc.gov, (206) 684-1053

Notice is hereby given that the solicitation document cited above has been amended or revised. The revised or changed sections are more fully explained below.

NOTE: Reference No. identifies the Addendum No. – Change No.

Location identifies the material in RFP #05-022 JE changed by this Addendum.

REF. NO.	LOCATION	DESCRIPTION OF CHANGE
1-1	Table 3-1	At the bottom of the Table Add a note: "Note: Contractor shall deliver 21 Mobil Data Computers, 19 systems shall be installed in vehicles and 2 will be used as spares."
1-2	Subsection 4-3 A. after the third point	Add: "• Proposers shall be responsible for determining the appropriate placement of all system components considering ergonomics, air bag target areas and visibility."
1-3	Subsection 4-3 C. second point	Delete: "256 MB" Replace With: "512 MB"
1- 4	Subsection 4-3 C. fourth point	At end of sentence Add: "or a read/write CD drive"
1- 5	Subsection 4-3 D. second point	Delete: "(luminescence of at least 1500 nits)" Replace With: "(luminescence of at least 1200 nits)"
1- 6	Subsection 4-3 J. second point	Insert: ", Freightliners" into the list of existing vehicles in the second line.
1- 7	Subsection 5-6 after the first paragraph	Add: "Provide the pricing for removal and reinstallation of the MDC's."

Attached are questions and responses from the May 18, 2005 Preproposal Conference.

This Invitation to Bid Addendum will be provided in alternative formats such as Braille, large print, audiocassette or computer disk for individuals with disabilities upon request.

No.	Questions	Answers
1	Please define open architecture and provide reasons(s) for this request. Is it acceptable to provide benefits through other means as long as they address the reason(s) for the request?	King County desires an open architecture system free of propriety components. The County desires to avoid a proprietary system that may be expensive to maintain after the contract and warranty expire. With open architecture the County should be able to use off the shelf parts for repairs and upgrades. However, the County will consider an alternative approach as long it addresses the reason for this request.
2	Please explain need for access to motherboard?	The County wants to have easy access to the motherboard and other system components without the assistance of the contractor, if failed components need to be removed and replaced.
3	What is meant by interchangeable components? Is this within a single MDC or between MDC's?	The County wants the ability to swap units between vehicles without having to call a service representative. Interchangeable components refer to the ability to remove and replace failed components within a single MDC or between MDC's.
4	What is the total number of systems the county plans to purchase with this procurement?	The County plans to purchase a total of 21 mobile data computers. A total of 19 are to be installed by the vendor and two systems will be used as spares.
5	Please define need for internal floppy drive. Is it acceptable for proposers to offer alternatives if they provide for the County's needs?	A read/write CD drive would be an acceptable alternative to an internal floppy drive.
6	Please define need for expansion slots (i.e. what additional capabilities, ports would you want to add at future time). Is it acceptable for a vendor to provide defined needs without using expansion slots?	The County wants to upgrade functionality as needed or add features, as they become available. We encourage the proposers to provide alternatives to using expansion slots if available.
7	Is it acceptable to propose a display that provides slightly less than 1500 NIT display?	Yes, it's acceptable to propose a display that provides slightly less than 1500 NIT. This requirement will be amended to a minimum of 1200 NIT to reflect this change. This reduction in NIT does not reduce the need for clarity and brightness of the display nor of the need to be readable in sunlight.
8	Will proposers be able to physically examine the vans and pickups to determine the exact mounting configuration and associated mounting	Yes. Photos of vans and pickup trucks are available from the Buyer, Jim Engan identified at the top of this addendum. The vans and pickup trucks will be available for inspection, individual

No.	Questions	Answers
	hardware and installation charges?	appointments can be made by contacting Paul Rodgers, Chief of Service Quality, (206) 684-2731, or Paul.Rodgers@Metrokc.gov .
9	It is customary that an organization takes responsibility for the demonstration equipment loaded to their organization. Therefore, our company will not be able to loan equipment to King County for a 30-day demo, without the agreement that King County is responsible for the equipment, while the equipment is in its possession. Would this policy pose a problem?	Proposers may request an agreement spelling out the terms of the loan of test equipment. The County will work with the selected proposer/proposers to arrive at acceptable terms and conditions.
10	Should the County or contractor supply the PCMCIA cards for the Mobile Data Computers?	The contractor shall supply the PCMCIA cards and ensure connectivity with the wireless provider. King County Operations' LAN team will work with King County Information and Telecommunication Services to ensure the approved wireless protocol is used to connect to the King County Wide Area Network.
11	If our firm is selected to provide the equipment for the Phase Two test will we be able to choose which vehicle we mount our equipment in? We would like to mount it in a Ford Truck. Would this request pose a problem?	This should not be a problem. However, the County reserves the right to request Phase Two proposers install systems in vehicles the County selects.
12	Restrictive RFP requirements.	Potential proposers are requested to review Section 4 – Technical Specifications for requirements that may be too restrictive. The County will review the requests for impact on the project and may modify specifications. These requests must be received by June 1 to permit the County time to review and comment by addendum.
13	Could King County provide the proposal questions in MS Word?	See Section 5 Attached below.

SECTION 5 - PROPOSAL QUESTIONS

5-1 General

- A. This section contains the proposal questions to be addressed by Proposers. Proposals shall address the questions in the order presented and identify the proposal questions by number. Proposals need to be specific, detailed and straightforward using clear, concise, easily understood language. Proposers are cautioned that it is their responsibility to submit a proposal fully addressing the proposal questions; failure to submit detailed information may adversely impact the evaluation and scoring of proposals.
- B. Proposers answering the proposal questions shall examine the entire Request for Proposal document including the instructions, terms and conditions, Scope of Work and applicable standards and regulations. Failure to do so shall be at the Proposers' risk.
- C. Solicitation subsection 2-4, Evaluation Criteria, sets forth the weighted maximum scoring points system that will be used for evaluating the proposals. Along with other proposal contents indicated in Solicitation subsection 1-15 A, the Proposer's responses to this Section are intended to provide the PE with the information needed to judge the worthiness of each proposal. The PE will assign points to each proposal based on the guidelines of Section 2, the information provided in the responses to this Section and other available information.

5-2 Business Entity Information

- A. Provide the name, address, and telephone number of legal entity with which Contract is to be written.
- B. Provide the name, address and telephone numbers of principal officers (President, Vice-President, Treasurer, Chairperson of the Board of Directors, and other executive officers.)
- C. Describe the legal status of the Proposer.
- D. List the names, titles, and telephone numbers of persons authorized to conduct contract negotiations with the County.
- E. Evidence of adequate financial stability is a prerequisite to a Contract award.

5-3 Contacts

- A. Provide separate contacts for dealer representative and manufacturer where applicable:
- B. Provide names, addresses, telephone numbers, and hours available for local sales and service representatives of the proposing entity.
- C. Provide names, addresses, telephone numbers, and hours available for manufacturer sales and service representatives.

5-4 References and Experience

The Proposer's successful experience with past contracts for equivalent Scopes of Work will be evaluated. Therefore, submit any information that documents successfully providing the goods and services required by this RFP. Provide four (4) references of projects of similar size and quantity performed by the Proposer. For these projects, the Work must have been completed within the last five (5) years.

Provide the following information for each project:

- Owner
- Location
- Contact Name, phone number, email address
- Date of Installation
- Value of contract
- Number, type and description of products provided
- Number of on-site personnel trained
- Names of any major suppliers or subcontractors used
- Brief written description of the specific equipment and services provided

5-5 Capability of Proposed Hardware, Software and Services

This section contains questions to be addressed by Proposers. Proposers shall address each question in the order presented below, identifying the proposal question by number. Proposals need to be specific, detailed and straightforward using clear, concise, easily understood language when responding to the questions.

A. General

Describe how the proposed system meets the County's requirements for a design that is "open architecture," scaleable, modular, and that features an accessible motherboard and interchangeable components.

The proposed system shall operate without being affected by, or causing harmful interference to, other in-vehicle electronics.

Describe EMI/EMC and RFI certifications for the proposed system.

Describe other installations where your MDC co-exist without causing interference to, or receiving interference from other in-vehicle electronics; include systems comparable to that proposed for the County and should also be for use in vehicle environments similar to the following:

1. Bearcat UHF/VHF radio scanners, 450 MHz and 800 MHz 2-way radio bands
2. GE, Delta, Motorola radios, 450MHz
3. Various makes of handheld radios, 450MHz

B. Ruggedness

Describe the environmental specifications for the proposed systems. For each list entry, be sure to indicate system performance relative to applicable independent standards such as Mil-Std 810E or NEMA. Where the information is available, supply the name of the standard used; test method/procedure and related useful information). Also, explicitly identify any system components that do not meet the generally applicable environmental standard.

1. Operating temperature ranges
2. Storage temperature ranges
3. Operating humidity ranges
4. Storage humidity ranges
5. Susceptibility to penetration by solids (e.g. windblown dust)
6. Susceptibility to penetration by liquids (e.g. spilled drink)
7. Susceptibility to shock

8. Functional (operational)
9. Crash Hazard (non operational)
10. Susceptibility to vibration
11. Does the proposed system provide any mechanism to prevent the system from being turned on if the ambient temperature is either above or below the operating temperature? Indicate whether such a mechanism part of the standard package or an option.
12. Does the proposed system provide any mechanism to gracefully shut the system down if an operating temperature threshold is reached? Indicate whether such a mechanism part of the standard package or an option.

C. Computer

Describe the following functional characteristics of the Computer.

1. CPU speed and type. Standard: _____ Maximum: _____
2. Memory Standard: _____ Maximum: _____
3. Hard disk drive capacity: Standard: _____ Maximum: _____
4. Internal 3.5" 1.44 MB (HD) floppy disk drive. Standard or Option: _____
5. CD-ROM drive. Standard or Option: _____ Speed: _____
6. Parallel Port
7. Serial Ports
8. Video Controller
9. Keyboard/Mouse Port
10. Cache
11. Number and type interfaces (USB, PCI card slots, other)
12. Number of open PCMCIA slots
13. Number of spare expansion slots
14. Audio Controller
15. Ethernet
16. Speaker
17. BIOS
18. Case and panel

D. Display

Describe the following display attributes:

1. Maximum resolution.
2. Standard screen sizes (diagonal measure) and dimensions of the display unit itself (length/width/depth).
3. Maximum luminescence of the display, using nits as the unit of measure.
4. Maximum viewing angle, in degrees (°), for a user to look at the display without perceiving significant loss of brightness.
5. Can the user dim the display down to "black" without turning it off? Describe how the user controls the display brightness.
6. Are the display's brightness and/or contrast affected by ambient temperature changes within the vehicle (assuming that the ambient temperature remains within the stated operating temperature range for the display)?

7. Does touch-screen operation require a bare hand or will it respond to gloved hands, or contact with objects like a pen or pencil tip?
 8. Describe how the touch-screen option impacts any other display attribute (display dimensions, brightness, screen durability, etc.)
 9. What are the operating and storage temperatures ranges?
 10. Vibration and Shock limitations.
 11. Weight and physical dimensions.
 12. Housing material finish.
 13. Voltage and current.
 14. Vehicle Mount
 15. Full motion video
- E. Keyboard and Other Input Mechanisms
1. Is the keyboard PS/2 compliant?
 2. Does the keyboard have the standard US key set? How many keys does it contain? Describe any special key functions that may be unique to your product.
 3. What recognized standards (e.g. NEMA-3) does the keyboard meet or exceed with respect to being sealed against dust? Against moisture?
 4. Is there a keyboard option providing backlit keys for typing in low-light conditions? If so, how does this option impact any other keyboard attributes (number/type of keys, standards compliance, etc.)?
 5. Describe the pointing device options, including type(s) of device, whether the device is sealed against dust and moisture (to what standard), and if the device is integrated/attached to the keyboard.
- F. Power Supply and Management
1. Describe the power supply and management system for the proposed system, indicating how it satisfies the Counties stated needs.
 2. If provided, what type of auxiliary battery is proposed and what is its ampere-hour capacity?
 3. If provided, what type of battery under voltage protection is proposed?
 4. How long will the MDC run off the primary or auxiliary battery without the engine running?
 5. State the maximum power draw while the proposed system is in sleep mode.
- G. Cabling and Component Interconnection
1. Identify any cables required to power or interconnect system components and peripherals.
 2. What is the maximum distance between the CPU and the display and/or keyboard allowed by the cable set supplied with the proposed system? Can this distance be extended? If so, describe the necessary changes to the proposed system.
- H. Software
1. List which operating systems are currently supported by the proposed system.
 2. Can the proposed system be purchased with the one of the supported operating systems pre-loaded?
 3. Can the proposed system be purchased with the MS Office 2000 pre-loaded?

I. Safety and Security

Describe how the design of the proposed system promotes the safety of vehicle occupants, including information on:

1. Airbag safety compliance
2. Crash safety compliance
3. Other safety certifications such as UL, C-UL or IEC 950
4. Describe the proposed mounting location for the display, demonstrating that no visibility obstructions occur.
5. Describe any features of the proposed system specifically designed to reduce the risk of theft.

J. Mounting Hardware

1. Is the design of the proposed mounting system appropriate for operation within the existing van fleet, which consists of Ford E-350 Super Duty vans, Ford F-350 Super Duty Pickups and Chevrolet Astro vans? How would it impact the design of the proposed mounting system if the front seats came equipped with armrests?
2. Provide a brief description of how the mounting system provides access to any controls or equipment blocked by the display or keyboard. Indicate whether gaining such access requires the use of any tools.
3. In order to perform maintenance on the host vehicle, ease of mounting system de-installation/disassembly and re-installation/re-assembly is highly desirable. Briefly describe how design of the proposed mounting system addresses this need. If available, supply time estimates for "standard" or "typical" system installations/de-installation.
4. As proposed, can the system be operated easily from the passenger-side seat? Can the keyboard tray be swiveled-over to allow typing by someone sitting on the passenger side? Does the display pivot from right to left?

K. Training

Discuss the proposed training approach for technical personnel who will be responsible for supporting the mobile data systems. Outline the training scope and content and the number of training hours per person. This training will occur at a King County facility. Provide samples of the training materials.

L. Documentation

Please supply examples of the documentation you will provide for:

1. End users
2. Technical support staff

M. "Help Desk" Support

Please describe the Help Desk support offered by your company, including:

1. Staffing level
2. Availability
3. Hours of operation (Pacific Daylight and Standard time)
4. Days of the week
5. Holiday coverage
6. Communication options

7. Telephone (indicate if a toll free number is available)
8. Email
9. Fax
10. Web-based
11. The process used for resolving problems with the proposed system, including:
12. Triage of problem priority and severity, along with response time commitments if the problem is not resolved during the initial contact.
13. Steps for problem escalation when a solution is not forthcoming or an implemented solution is unsatisfactory.
14. Problem tracking and status
15. Availability of reporting on the County's technical support utilization, as well as listings of open and resolved MDC system problems.
16. Covered versus non-covered support
17. What technical support is covered under warranty and what support is not?
18. For the non-covered support, describe the charge structure (e.g. incident, flat fee, time-based) and proposed rates.

N. **Warranty Service**

Please discuss the warranty covering the proposed system. Include information on:

1. What is covered
2. Limitations to coverage, including limits related to changes made by the County after implementation and during ongoing operation
3. When coverage starts and the length of coverage
4. The location and organization of the Proposer's warranty operations and how they are used to support clients such as the County. Address availability of parts, policies with respect to failed parts, repair services and response times.

5-6 **Pricing**

The Proposer shall identify and provide price(s) for all goods and services proposed including identification and pricing of optional software and operating system in Attachment B.

Provide the pricing for removal and reinstallation of the MDC's.

King County reserves the right to consider the time value of money and any other economic impact factors as deemed appropriate in the evaluation of the proposed pricing. Prices shall remain firm for the initial contract period in accordance with Contract subsection 2-2, Term.

5-7 **Demonstration/Testing**

The Proposer shall describe in detail its proposed plan(s) for demonstrating that proposed equipment and services meet the specifications of this RFP. The proposed demonstration plan will address but not limited to:

1. MDC Demonstration/Testing as referenced in Solicitation subsection 2-4 Phase No. 2 Evaluation.
2. The professional services and coordination that will be provided/available during the installation and testing of the MDC by King County staff.

The remainder of this RFP document is unchanged. Please acknowledge this addendum in the space provided in **ATTACHMENT A, Proposal Response Form**.

If you have any questions, please contact the buyer Jim Engan at jim.engan@metrokc.gov, (206) 684-1053, or FAX (206) 684-1470

This Addendum #1 shall be attached to and made part of RFP #05-022 JE.

Note: This Addendum is available on the Internet at http://www.metrokc.gov/finance/procurement/rfp_rfq_itb/new_goods.asp Potential Proposers must contact the buyer at jim.engan@metrokc.gov to ensure they receive any subsequent addenda revising or clarifying RFP #05-022 JE.